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Docket No. 281782US0PCT

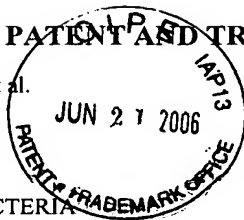
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Joachim FENSTERLE, et al.

SERIAL NO: 10/559,663

FILED: December 5, 2005

FOR: CELLS USED AS CARRIERS FOR BACTERIA



GAU:

EXAMINER:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 281782US0PCT		SERIAL NO. 10/559,663	
LIST OF REFERENCES CITED BY APPLICANT 				APPLICANT Joachim FENSTERLE, et al.			
				FILING DATE December 5, 2005		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2002/0136738	09/26/02	AGREWALA et al.			
	AB						
	AC						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AD	102 08 653	09/18/03	DE			NO
	AE	102 06 325	09/04/03	DE			NO
	AF	98/50067	11/12/98	WO (with English abstract)			NO
	AG	99/34007	07/08/99	WO			NO
	AH	02/083879	10/24/02	WO			NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AI	YOONG, K.F. et al., "Tumour infiltrating lymphocytes: insights into tumour immunology and potential therapeutic implications", f Clin Pathol: Mol Pathol, Vol. 49, Pages M256 - M267, 1996.					
	AJ	BACH, Jean Francois, "Regulatory T Cells Under Scrutiny", Nature Reviews Immunology, Vol. 3, Pages 189 - 198, 2003.					
	AK	BOUCHARD, Louise et al., "Stochastic Appearance of Mammary Tumors in Transgenic Mice Carrying the MMTV/c-neu Oncogene", Cell, Vol. 57, Pages 931 - 936, 1989.					
	AL	DIETRICH, Guido et al., "Delivery of antigen-encoding plasmid DNA into the cytosol of macrophages by attenuated suicide Listeria monocytogenes", Nature Biotechnology, Vol. 16, Pages 181 - 185, 1998.					
	AM	CHOKRI M. et al., "Biodistribution of Indium-Labelled Macrophages in Mice Bearing Solid Tumours", Int. J. Immunotherapy, Vol. VI, No.2, Pages 79 - 84, 1990.					
	AN	BANCHEREAU, Jacques et al., "Dendritic Cells as Vectors for Therapy", Cell, Vol. 106, Pages 271 - 274, 2001.					
	AO	FARADJI, Albert et al., "Phase I trial of intravenous infusion of ex-vivo-activated autologous blood-derived macrophages in patients with non-small-cell lung cancer: toxicity and immunomodulatory effects", Cancer Immunology Immunotherapy, Vol. 33, Pages 319 - 326, 1991.					
	AP	FIDLER, Isaiah J. et al., "Therapy of Cancer Metastasis by Systemic Activation of Macrophages", Advances in Pharmacology, Vol. 30, 1994.					
	AQ	FUNADA, Yukihiro et al., "Prognostic significance of CD8+ T Cell and macrophage peritumoral infiltration in colorectal cancer", Oncology Reports, Vol. 10, Pages 309 - 313, 2003.					
	AR	GRIMSHAW, Matthew et al., "Endothelin-2 is a macrophage chemoattractant: implications for macrophage distribution in tumors", Eur. J. Immunol., Vol. 32, Pages 2393 -2400, 2002.					
	AS	HEGE, Kristen M. et al., "T-cell gene therapy", Current Opinion in Biotechnology, Vol. 7, Pages 629 - 634, 1996.					
	AT	HESS, Juergen et al., "Superior efficacy of secreted over somatic antigen display in recombinant salmonella vaccine induced protection against listeriosis", Immunology, Vol. 93, Pages 1458 - 1463, 1996.					
	AU	HOISETH, Susan K. et al., "Aromatic-dependent Salmonella typhimurium are non-virulent and effective as live vaccines", Nature, Vol. 291, Pages 238 - 239, 1981.					
	AV	KATAKI, Agapi et al., "Tumor infiltrating lymphocytes and macrophages have a potential dual role in lung cancer by supporting both host-defense and tumor progression", J Lab Clin Med, Vol. 140, No. 5, Pages 320 - 328, 2002.					
	AW	KERKHOFF, Eugen et al., "Lung-targeted Expression of the c-Raf-1 Kinase in Transgenic Mice Exposes a Novel Oncogenic Character of the Wild-Type Protein", Cell Growth & Differentiation, Vol. 11, Pages 185 - 190, 2000.				<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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				FILING DATE December 5, 2005		GROUP	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AX	KUGLER, Alexander et al., "Regression of human metastatic renal cell carcinoma after vaccination with tumor cell-dendritic cell hybrids", Nature Medicine, Vol. 6, No. 3, 2000.					
	AY	LEEK, RUSSEL D. et al., "Tumor-Associated Macrophages in Breast Cancer", Journal of Mammary Gland Biology and Neoplasia, Vol. 7, No. 2, 2002.					
	AZ	LOESSNER, Martin J. et al., "Heterogeneous endolysins in Listeria monocytogenes bacteriophages: a new class of enzymes and evidence for conserved holin genes within the siphoviral lysis cassettes", Molecular Microbiology, Vol. 16, No. 6, Pages 1231 - 1241, 1995.					
	AAA	MANTOVANI, Alberto et al., The origin and function of tumor-associated macrophages", Immunology Today, Vol. 13, No. 7, Pages 265 - 270, 1992.					
	AAB	MEI, Shaoping et al., "Optimization of Tumor-targeted Gene Delivery by Engineered Attenuated Salmonella Typhimurium", Anticancer Research, Vol. 22, Pages 3261 - 3266, 2002.					
	AAC	MUKAI, Shigehiko et al., Infiltration of Tumors by Systemically Transferred Tumor-Reactive T Lymphocytes is Required for Antitumor Efficacy", Cancer Research, Vol. 59, Pages 5245 -5249, 1999.					
	AAD	NAKAYAMA, Yoshifumi et al., "Relationships between Tumor-associated Macrophages and Clinicopathological Factors in Patients with Colorectal Cancer", Anticancer Research, Vol. 22, Pages 4291 - 4296, 2002.					
	AAE	PAN, Zhen-Kun et al., "Regression of Established B16F10 Melanoma with a Recombinant Listeria monocytogenes Vaccine", Cancer Research, Vol. 59, Pages 5264 - 5269, 1999.					
	AAF	PAWELEK, John M. et al., "Tumor-targeted Salmonella as a Novel Anticancer Vector", Cancer Research, Vol. 57, Pages 4537 - 4544, 1997.					
	AAG	RAVAUD, A. et al., "A phase I trial of repeated tumour-infiltrating lymphocyte (TIL) infusion in metastatic melanoma", British Journal of Cancer, Vol. 71, Pages 331 - 336, 1995.					
	AAH	SEMINO, C. et al., "Adaptative immunotherapy of advanced solid tumors", Minerva Biotechnologica, Vol. 11, No. 4, Pages 311 - 317, 1999.					
	AAI	SHAO, Jun et al., "A Cell-Based Drug Delivery System for Lung Targeting: I. Preparation and Pharmacokinetics", Drug Delivery, Vol. 8, Pages 61 - 69, 2001.					
	AAJ	SHAO, Jun et al., "A Cell-Based Drug Delivery System for Lung Targeting: II. Therapeutic Activities on B16 - F10, Melanoma in Mouse Lungs", Drug Delivery, Vol. 8, Pages 71 - 76, 2001.					
	AAK	SICA, Antonio et al., "Tumor-associated macrophages: a molecular perspective", International Immunopharmacology, Vol. 2, Pages 1045 - 1054, 2002.					
	AAL	SIMON, Daniel et al., "Construction of a vector plasmid family and its use for molecular cloning in Streptococcus lactis", Biochimie, Vol. 70, Pages 559 - 566, 1988.					
	AAM	SPEAR, Gregory T. et al., "Specific cytotoxicity of human lymphocyte subpopulations defined by bacterial adherence", Clin. exp. Immunol., Vol. 61, Pages 450 - 458, 1985.					
	AAN	TURNER, Beatrice et al., Vaccination with Mage-3A1 Peptide-pulsed Mature, Monocyte-derived Dendritic Cells Expands Specific Cytotoxic T Cells and Induces Regression of Some Metastases in Advanced Stage IV Melanoma", J. Exp. Med., Vol. 190, Pages 1669 - 1678, 1999.					
Examiner				Date Considered			
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U.S. PCT Application Serial No: 10/559,663

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STATEMENT OF RELEVANCY

- 1) References have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AD - AE are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References AA, AF-AH, AI - AW & AX - AAN are additional prior art known to Applicant. A copy of these references is being submitted herewith.